

Creating Middleware



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Overview



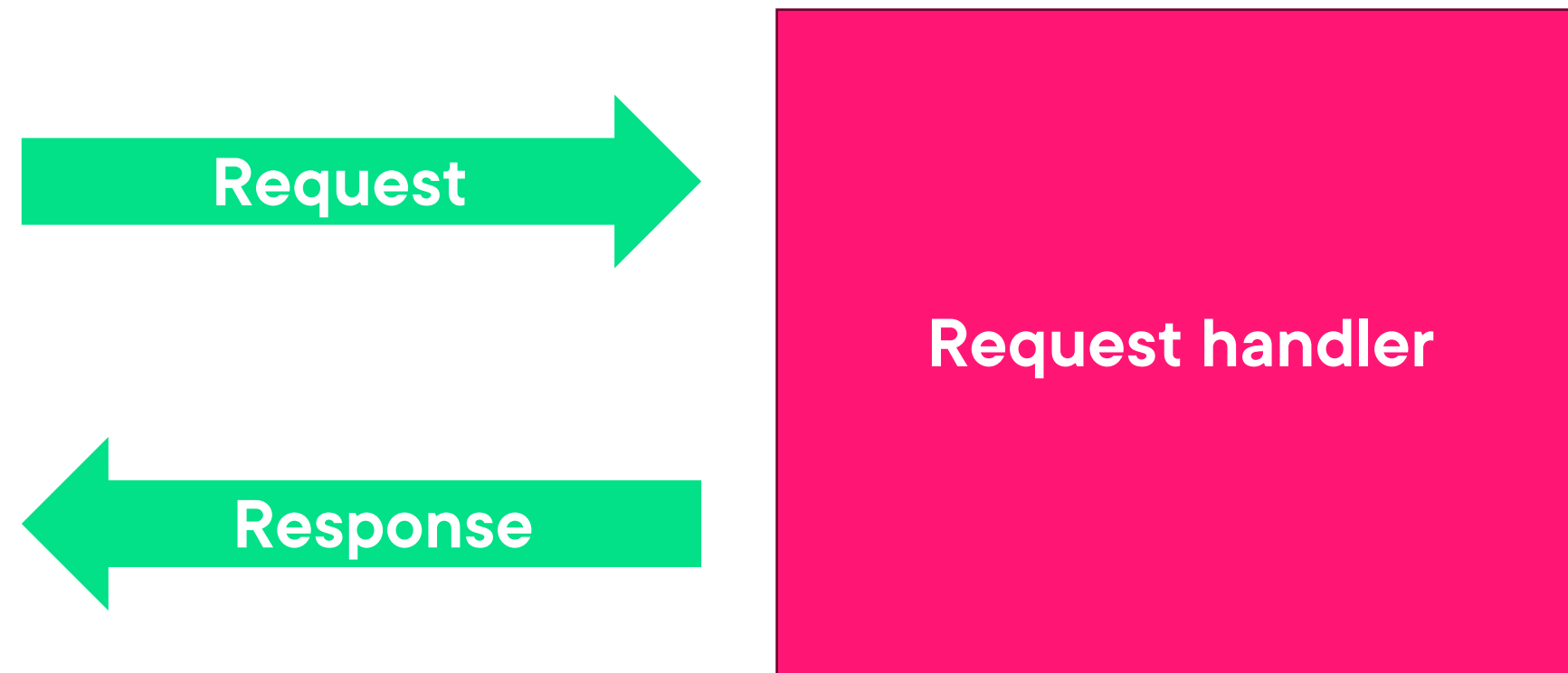
What is Middleware?

Global Middleware

Route-specific Middleware



What is Middleware?



What is Middleware?



Common Uses for Middleware

Caching

Authentication

Session management

**Logging and
telemetry**

**Response
compression**



Creating Middleware

```
http.ListenAndServe(addr string, handler Handler) error
```

```
type Handler interface {  
    ServeHTTP(ResponseWriter, *Request)  
}
```



Creating Middleware

```
type MyMiddleware struct {  
    Next http.Handler  
}  
  
func (m MyMiddleware) ServeHTTP(w http.ResponseWriter, r *http.Request) {  
    // do things before next handler  
    m.Next.ServeHTTP(w, r)    // pass request to next handler  
    // do things after next handler  
}
```



Types of Middleware

Global

applies to all requests

Route-specific

applies to specific handler



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